Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

HOBBS OCD
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
JUN 03 2014
RECEIVED

Form C-103
June 19, 2008

	WELL API NO. 30-025-09912
	5. Indicate Type of Lease STATE ☒ FEE ☐
	6. State Oil & Gas Lease No. BO-9188
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other: Injection	7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU)
	8. Well Number 611
2. Name of Operator Apache Corporation	9. OGRID Number 873
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	10. Pool name or Wildcat Eunice; Bli-Tu-Dr, North (22900)
4. Well Location Unit Letter G : 1980 feet from the North line and 1978 feet from the East line Section 15 Township 21S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3430' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to deepen this well, run a liner and reactivate to injection, per the attached procedure.

Spud Date: 09/01/1948 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Fisher TITLE Sr Staff Regulatory Analyst DATE 06/02/2014

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: 432/818-1062

For State Use Only

APPROVED BY: Mary Brown TITLE Dist. Supervisor DATE 6/6/2014

Conditions of Approval (if any):

JUN 09 2014

NEDU 611W (API 30-025-09912) Proposed Procedure:

Deepen Well, Run Liner, and Reactivate Injection Well

Day 1: MIRU SR. MIRU WL, log well with GR/CBL/CCL from +/-5970' to surface and identify TOC. If TOC below intermediate casing shoe (2897') prepare to squeeze cement to surface behind 5-1/2" casing as follows (otherwise, proceed to drill out CIBP @ 5977'):

(Day 2):PU & RIH w/CIBP on 2-7/8" work string. Set CIBP, POOH

POOH. RIH w/ casing punch and perforate casing above TOC, POOH. Establish circulation behind 5-1/2" casing to surface

(Day 3):PU & RIH w/ cement retainer on 2-7/8" work string and set retainer

MIRU cementers, cement 5-1/2" casing to surface with Class C cement (weight 14.8 ppg, yield 1.33 cf/sack). POOH w/ 2-7/8" work string. WOC

(Day 4):PU & RIH w/ bit on 2-7/8" work string, drill out cement and cement retainer

(Day 5): Continue to drill out cement and cement retainer, circulate well clean. POOH

MIRU WL, log well with GR/CBL/CCL to surface, POOH

Day 2 (6): RIH w/ 2-7/8" work string & bit. Drill out CIBP @ 5977'. RIH to 6633' and drill well out to new TD @ 6770', circulate LCM as necessary

Day 3 (7): Cont. to drill well out to new TD @ +/-6770', circulate LCM as necessary

Day 4 (8): Cont. to drill well out to new TD @ +/-6770', circulate LCM as necessary. Circulate wellbore clean and POOH and LD 2-7/8" work string

Day 5 (9): MIRU WL, run GR/CNL/CBL/CCL log from PBTD to surface, POOH. Send logs to Midland

Day 6 (10): RU casing crew and equipment and RIH with 4-1/2" 11.6 lb/ft flush joint casing with float collar and float shoe to +/- 6770'

RU cementers, perform single stage cement job to surface consisting of 20 bbl fresh water flush, 40 bbl seal bond LCM spacer, and 150 sacks of Class C cement + additives (weight 13.2 ppg, yield 1.60 cf/sack, volume 42 bbls, 50% excess slurry). Displace with 105 bbls fresh water (confirm all volumes)

Day 7 (11): WOC

Day 8 (12): RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6755'. Circulate clean. POOH

Day 9 (13): MIRU WL and RIH w/ GR/CBL/CCL, log well from TD to surface, POOH

PU and RIH w/ 3-3/8" TAGs loaded with SDP charges and perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 70', 280 shots), POOH

PU and RIH w/ treating packer on 2-3/8" work string

Day 10 (14): Cont. RIH w/ treating packer on 2-3/8" work string, set packer @ +/-6500'

MIRU acidizers. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in 3 equal stages @ +/-8 BPM. Release packer and wash out salt. POOH

Day 11 (15): PU and RIH with 4-1/2" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer @ +/-6500'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

Day 12 (16): PU & RIH w/2-3/8" IPC 1505 tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO SR

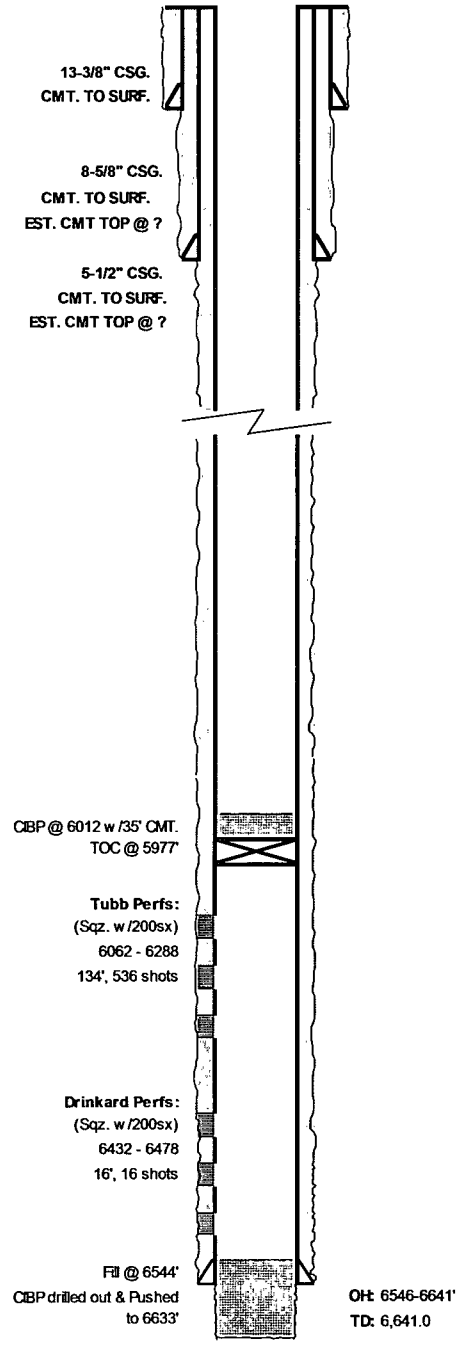
Day 13 (17): Perform MIT test for NM OCD. Place well on injection

Current Wellbore Diagram

Apache Corporation

NEDU #611W (State Section 15 #1)

WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	NEDU #611W (State Section 15 #1)	**API:**	30-025-09912
LOCATION:	1980' FNL & 1978' FEL Unit G, Sec. 15, T-21S, R-37E	**COUNTY:**	Lea Co., NM
SPUD/TD DATE:	8/30/1948 - 11/1/1948	**COMP. DATE:**	11/6/1948
PREPARED BY:	Michael Hunter	**DATE:**	5/28/2014
TD (ft): 6,641.0	**KB Elev. (ft):** 3441.0	**KB to Ground (ft)**	11.0
PBTD (ft): 5,977.0	**Ground Elev. (ft):** 3430.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w/ 250sx., Circ.)	32.40	-	0.00	228.00
Int. Casing	8-5/8" (Cmt. w/ 1500sx, Circ.)	32.00	H-40	0.00	2,897.00
Prod. Casing	5-1/2" (Cmt. w/ 1200sx, Circ.)	15.50	J-55	0.00	6,546.00
Openhole	4-3/4"			6,546.00	6,641.00
Tubing					

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

PERFORATIONS

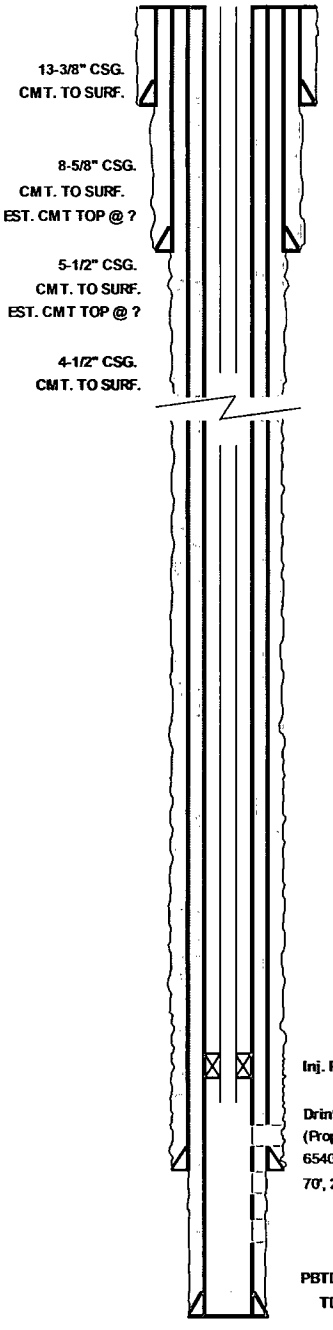
Form.	Intervals	FT	SPF
Blinebry			
Tubb	Sqz. w/200sx: 6062' – 77', 92' – 6108', 6165' – 72', 82' – 6215', 6225' – 88'	134	4
Drinkard	Sqz. w/200sx: 6432', 34', 36', 38', 42', 45', 48', 53', 55', 60', 63', 65', 67', 69', 76', 78'	16	1

Proposed Wellbore Diagram

Apache Corporation

NEDU #611W (State Section 15 #1)

WELL DIAGRAM (PROPOSED CONFIGURATION)



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SPUD/TD DATE:	8/30/1948 - 11/1/1948	**COMP. DATE:**	11/6/1948
PREPARED BY:	Michael Hunter	**DATE:**	5/28/2014
TD (ft): 6,770.0	**KB Elev. (ft):** 3441.0	**KB to Ground (ft)**	11.0
PBTD (ft): 6,755.0	**Ground Elev. (ft):** 3430.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w/ 250sx., Circ.)	32.40	-	0.00	228.00
Int. Casing	8-5/8" (Cmt. w/ 1500sx, Circ.)	32.00	H-40	0.00	2,897.00
Prod. Casing	5-1/2" (Cmt. w/ 1200sx, Circ.)	15.50	J-55	0.00	6,546.00
Liner	4-1/2" (Cmt. to surf)	11.60	J-55	0.00	6,770.00
Injection Tubing	2-3/8"	4.70	J-55 IPC 1505	0.00	6,514.90

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC 1505 TBG	6,492.00	6492.00
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.80	6493.80
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.20	6500.00
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.00	6508.00
5	2-3/8" PROFILE NIPPLE 1.50 R	0.90	6508.90
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.00	6,514.90
7			
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Blinebry			
Tubb			
Drinkard	Proposed: 6540 - 6630' (estimated)	70	4